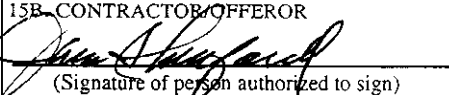
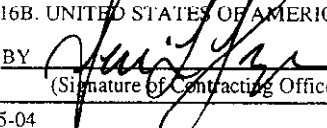


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE 0		PAGE OF PAGES 1 7	
2. AMENDMENT/MODIFICATION NO. P00071		3. EFFECTIVE DATE 05-Jun-2002		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY 45 CONS/LGCZR 1201 EDWARD H. WHITE II ST. PATRICK AFB, FL 32925-3237		CODE FA2521		7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) COMPUTER SCIENCES RAYTHEON 1201 EDWARD H. WHITE II ST PATRICK AFB, FL 32925-0127 CODE ODN90 FACILITY CODE				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				X 10A. MOD. OF CONTRACT/ORDER NO. F08650-00-C-0005			
				X 10B. DATED (SEE ITEM 13) 06-Mar-2001			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the document; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN THE REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52-243-2, Alternate II Changes							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE PAGE TWO							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print) James Shackelford, Sr. Contract Manager				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) GERRI L. FRYE			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 6/6/02		16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)		16C. DATE SIGNED 6 Jun 02	
EXCEPTION TO SF 30 APPROVED BY OIRM 11-84				30-105-04			
STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE
	F08650-00-C-0005-P00071	2 OF 7
NAME OF OFFEROR OR CONTRACTOR COMPUTER SCIENCES RAYTHEON		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. The purpose of this bilateral, no cost modification is to: Incorporate Contract Change Proposal (CCP) 02-107, Descope Meteorological Rocket Program at CCAFS and Ascension AAF. Disposition of program assets shall not to be made until 45 SW provides direction. The contractor's proposal, dated 19 March 02, is hereby incorporated by reference.

B. This modification makes the following changes:

Part III, Section J, Attachment 1, Statement of Work (SOW):

- Remove page 16.1 and replace with attached page 16.1, marked modification P00071.
- Remove page 17 and replace with attached page 17, marked modification P00071.
- Remove page 150 and replace with attached page 150, marked modification P00071.
- Remove page 154 and replace with attached page 154, marked modification P00071.

C. All other terms and conditions remain unchanged.

D. Release of Claims: In consideration of the modification agreed to herein as complete and equitable adjustment for CCP 02-107 dated 19 March 02, the contractor releases the government from any and all liability under this contract for further equitable adjustment attributable to such facts or circumstances giving rise to the referenced proposal.

////////////////////////////////////LAST ITEM////////////////////////////////////

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE
	F08650-00-C-0005-P00071	3 OF 7
NAME OF OFFEROR OR CONTRACTOR COMPUTER SCIENCES RAYTHEON		

1.7.11 Weather Systems

- 1.7.11.1 Weather Information Systems. Operate and maintain range weather systems (see section 5.5.1.7).
- 1.7.11.1.1 Collect and analyze weather data gathered from the systems.
- 1.7.11.1.2 Provide a single POC within the Contractor's organization for all weather-related issues within the ER for weather equipment, maintenance, observation, and analysis.
- 1.7.11.1.3 Attend professional meetings and conferences.
- 1.7.11.1.4 **RESERVED.**
- 1.7.11.1.5 Receive, store, and deliver LOKI, Super LOKI, DART, and other related ordnance items to support meteorological requirements at Ascension AAF. Load the launcher and install firing initiators at Ascension AAF.
- 1.7.11.1.6 Coordinate with the Government at CCAS the delivery and setup of LOKI, Super LOKI, and Dart meteorological rockets at CCAS. Launch rockets as directed for launch weather operations.
- 1.7.11.1.7 **RESERVED**

F08650-00-C-0005
Modification P00071
Sect J - Attach 1 – page 16.1

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
F08650-00-C-0005-P00071PAGE
4 OF 7NAME OF OFFEROR OR CONTRACTOR
COMPUTER SCIENCES RAYTHEON

1.7.11.1.8 Launch and track balloon-borne radiosondes and Jimspheres to measure upper air conditions for launch clearance, flight predictions, and routine weather information used in global weather analysis and forecasting. Transmit data to launch customers and other Range users as scheduled.

1.7.11.1.9 Launch and track multiple radiosondes and Jimspheres for complete upper atmospheric profiles for each launch.

1.7.11.1.10 Monitor and identify in real time any suspect data points from upper air measurement systems (MSS or equivalent), Jimspheres, and DRWP in support of launch operations before release to Range customers. [CDRL A224]

1.7.11.1.11 Evaluate mesoscale meteorological data twice daily, 7 days a week. Provide support for maintaining the model.

1.7.11.1.12 Monitor the performance of all weather data collection instrumentation.

1.7.11.2 Weather Station Operation. Operate and maintain the CCAS weather station to perform daily weather data collection and reporting and for launch-related weather data collection.

1.7.11.2.1 Perform surface observations and launch weather balloons for upper air data collection and evaluation.

1.7.11.2.2 **RESERVED**

1.7.11.2.3 Operate weather stations at KSC 24 hours a day, 365 days a year; perform weather observations IAW JOP 15E-3-44.

1.7.11.2.4 Provide multiple weather observers for shuttle launch and landing operations, including data collection and predictions for the landing site.

1.7.11.2.5 Provide weather observation data for all air traffic into and out of the Shuttle Landing Strip at KSC and the CCAS Skid Strip.

1.7.11.2.6 Perform initial and annual refresher training on airfield weather observations for air traffic control personnel at the CCAS Skid Strip.

1.7.11.2.7 Maintain equipment and provide weather observers with portable equipment for each of four TAL sites for the Shuttle.

1.7.11.2.8 Operate the weather station at CCAS to release balloons and collect, reduce, real-time monitor, transmit to users, and archive all weather data for further analysis of launch and world weather conditions. Provide a monthly summary of observations to the PMR. [CDRL A225]

1.7.11.2.9 Provide airborne weather surveillance coordination including liaison services between the 45 WS, Range customers, and the airborne weather surveillance contractor.

1.7.11.2.10 Coordinate required airborne weather support.

1.7.11.2.11 Perform post-flight administration and verification in conjunction with the 45 SW.

1.7.11.2.12 Prepare and coordinate annual financial planning documents with the appropriate agencies.

1.7.11.3 PAFB Weather Observation. Perform weather observations at the PAFB Weather Station during airfield operating hours (normally 0600L to 2300L, 365 days a year; contingency support may extend operating hours). Provide customer support and analyze, archive, and transmit collected weather data.

1.7.11.3.1 Provide weather observational data for all air traffic into and out of PAFB and to supported customers. Set up DD Form 175-1 for aircrews upon request.

1.7.11.3.2 Relay flight information to the appropriate forecaster and assist with aircrew weather briefings as requested. Maintain standard airfield visibility charts for base weather operations and the tower.

1.7.11.3.3 Provide continued weather observation support in the event of an evacuation of the primary facility to minimize the impact on flight operations.

1.7.11.3.4 Use existing PAFB Standard Air Force Airfield Weather instrumentation. The 45 AWDS System Manager or a designated trainer will provide training on Air Force observational dissemination procedures using the AWDS or subsequent system.

F08650-00-C-0005

Modification P00071 Sect J - Attach 1 - page 4

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
F08650-00-C-0005-P00071PAGE
5 OF 7NAME OF OFFEROR OR CONTRACTOR
COMPUTER SCIENCES RAYTHEON

	CCAS	PAFB	MAL	JDMTA	ANT	ASC
50-Mhz Doppler Radar Wind Profiler	-	X	-	-	-	-
915-Mhz Doppler Radar Wind Profiler	X	X	-	-	-	-
Real Time Winds Aloft Processing System (data reduction)	X	-	-	-	-	-
Meteorological Satellite Receivers	X	-	-	-	-	-
Weather Information Network Display System	X	X	-	-	-	-
Lightning Detection and Ranging (LDAR)	X	X	-	-	-	-
ER Dispersion Assessment System (ERDAS)	X	-	X	-	-	-
SLE/Launch Pad Met Sensors/Airfield Weather Sensors	X	X	-	-	-	X
Automated Surface Observing System	X	-	X	-	-	-
RATS	-	-	-	-	X	-
Mobile Surface Observing Equipment	-	-	-	-	X	-
Sonic Detection and Ranging System (SODAR)	X	X	-	-	-	-

5.5.1.8 Communications/Data Transfer

	CCAS	PAFB	MAL	JDMTA	ANT	ASC
Systems						
Voice Comm.	X	X	X	X	X	X
Teletype	X	X	-	X	X	X
Secure Voice	X	X	X	X	X	X
Central Office	X	X	-	X	X	X
SATCOM	X	-	-	X	X	X
Microwave (see note)	X	X	X	X	-	-
Radio (HF)	X	X	X	-	-	X
Datacom	X	X	X	X	X	X
Tech. Control	X	-	-	X	X	X
Navigation Aids	X	X	-	-	-	X
CCTV	X	X	X	X	X	-

The following Mode I sites will be manned 24 hours a day, 7 days a week:

Telecommunications Centers, CCAS and Ascension AAF
Communications Control, CCAS
Technical Control, CCAS
Wideband Systems, CCAS
COMSEC Systems, CCAS
USAF Aeronautical Station, Ascension AAF
Satellite Earth Station, Ascension AAF
Technical Control, Ascension AAF
HF Transmitter and Receiver Sites, Ascension AAF
Weather Intercept Facility, Ascension AAF

F08650-00-C-0005
Modification P00071

Sect J-Attach 1-page 150

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
F08650-00-C-0005-P00071PAGE
6 OF 7NAME OF OFFEROR OR CONTRACTOR
COMPUTER SCIENCES RAYTHEON

16901	Weather Paint & Flammables Storage
19110	UCS-23
19127	Field Mill Site 27
20170	Field Mill Site 30
20185	Weather Operations
20187	Weather Storage
20205	UCS-23
22003	MOTR Pedestal
22004	MOTR Van Shelter
22005	MOTR Restrooms
22007	MOTR Optical Tracker
22008	MOTR Substation
22100	Weather Building
22101	WINDS Tower 006
22210	Camera Site U402R6
24225	Camera Site U43R78
24434	Field Mill Site 34
24605	WINDS Tower 002
24606	Weather Building
26001	Boresight Tower (MOTR)
26002	Boresight Building
26600	Furuno Radar 1.8
27200	UCS-27 @ EOCC
28001	Instrumentation Building (JDMTA)
28002	Power House (JDMTA)
28010	Boresight Building (JDMTA)
28011	Boresight Tower (JDMTA)
28012	TAA-50 (JDMTA)
28013	TAA-50 (JDMTA)
28015	CMD Antenna (JDMTA)
28016	CMD Antenna (JDMTA)
28017	AN/FPQ-14 (JDMTA)
28018	TAA-50 (JDMTA)
28019	TAA-50 (JDMTA)

F08650-00-C-0005
Modification P00071
Sect J-Attach 1-
Page 154

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
F08650-00-C-0005-P00071PAGE
7 OF 7NAME OF OFFEROR OR CONTRACTOR
COMPUTER SCIENCES RAYTHEON

28021	Microwave Tower (JDMTA)
28022	CMD Broadbeam (JDMTA)
28101	Microwave Shelter (Stuart)
28102	Microwave Tower (Stuart)
28201	Microwave Shelter (Fort Pierce)
28202	Microwave Tower (Fort Pierce)
28301	Microwave Shelter (Wabasso)
28302	Microwave Tower (Wabasso)
34220	High Mill Site 26
34500	TV OPS Storage/Van Garage
34515	Microwave/EV Platform
34520	Satellite Antenna Foundation
34525	UCS 26
36665	Fiber Optics Terminal Building
36950	UCS 25

F08650-00-C-0005
Modification P00071

Sect J-Attach 1- Page 154.1